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Appl. No.: 10/574,700

Amdt. Dated February 29, 2008

Response to Office Action Mailed November 1, 2007

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this application.

1-5. (Cancelled).

6. (Currently Amended) ~~Am~~ A low cost electric power generating apparatus for decentralized power supply, consisting essentially of

a permanent magnet type electric power generator driven by revolutions of a windmill or a waterwheel,

said power generator comprising a first insulated winding and a second insulated winding, ~~wherein~~

said first winding ~~has a different~~ having a smaller number of turns than said second winding,

said first winding ~~produces~~ producing a lower induced voltage than said second winding due to said smaller number of turns,

said first winding is being connected to a first rectifier which ~~directly~~ rectifies an alternating current power input from said first winding to a direct current power output of the first rectifier,

said second winding ~~is~~ being connected in series to a saturated reactor, said reactor comprising a core that becomes saturated as alternating current power input from said second winding to said core is increased to exceed a certain value, and then the, ~~whereby an~~ inductance value of the reactor decreases gradually as the alternating current power input to said core from said second winding increases,

said saturated reactor ~~is~~ being connected to a second rectifier which rectifies an alternating current power input from such saturated reactor to a direct current power output of the second rectifier, and

the direct current power outputs of said first rectifier and said second rectifier ~~are~~ being connected in parallel, so that when the number of the revolutions is below a specified value, output from the second winding is used, and when the number of the revolutions exceeds said specified value, output from the first winding and output from the second winding are used, whereby a total output from the first winding and the second winding is approximately equal to the maximum output curve relative to the number of the revolutions.

7. (Previously Presented) An electric power generating apparatus according to claim 6, further consisting essentially of a constant-voltage power supply to which the direct current power outputs of said first rectifier and said second rectifier are connected, whereby the constant-voltage power supply is charged by said direct current power outputs.

8. (Previously Presented) An electric power generating apparatus according to claim 7, wherein the constant-voltage power supply is a battery.

9-14. (Cancelled).